

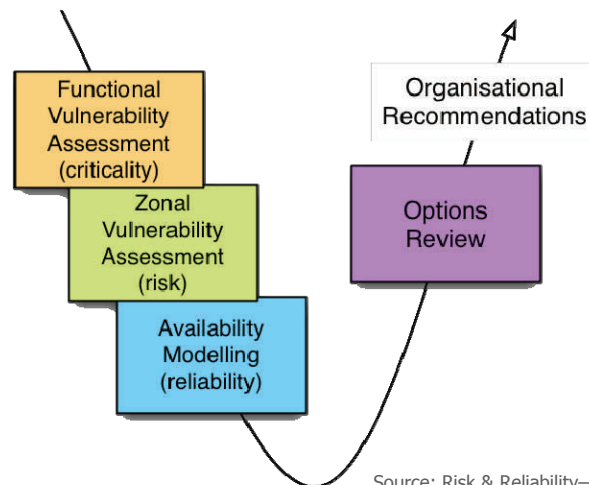
AVAILABILITY PROFILING

A one-day workshop for management

Make your system the best it can be – at the best cost

The workshop demonstrates how to combine criticality, risk and reliability analyses to optimise the effectiveness of the whole system with a top-down approach that is readily understood by primary decision makers.

The concept has been used successfully in many industry sectors including power, IT, water, coal and banking.



Source: Risk & Reliability—An Introductory Text (revised 7th edition)

Top down approach to required depth

- Focus attention on credible critical issues
- Identify critical external threats and key vulnerabilities that impose constraints on overall facility availability
- Address common mode failures - in context
- Align analysis with organisational values and goals
- Apply & record a transparent process – easy to audit and present

BRISBANE **PERTH**

| Tuesday 13 April 2010 8.30 am - 4.30pm
| Tuesday 10 August 2010 8.30 am - 4.30pm

Fee

| \$595 per person, includes Risk & Reliability An Introductory Text (revised 7th edition) and electronic copies of presentations and example analyses in Excel™ spreadsheets

Registration

| r2a@rocarm.com | F +61 3 9865 8615 | T +61 3 9865 8628

Workshop **Leaders**

| Richard Robinson BE BA FIEAust | Director R2A | www.r2a.com.au
| Michael Hall MS BE | Associate R2A

| Rocarm2a | ABN 82 007 154 458

AVAILABILITY PROFILING

Briefing Outline

Make your system the best it can be – at the best cost

A one day workshop for management

Objective

The objective of the workshop is to describe and train participants to use a process, (using spreadsheet documentation) which persuasively explains to senior decision makers the criticality, risk and reliability of plant and equipment for which the workshop participant is responsible.

The Issues

Senior decision makers and managers are always seeking improvements to plant efficiency and productivity. Staff are encouraged to present them. But the value of the proposed upgrades is not always transparently presented in a way that senior staff can readily understand and so determine the best course of action. The sorts of questions which are asked of R2A include:

- We know that there are offsite issues that can seriously affect our product delivery processes. We do not have direct control over these offsite resources but we have not devised a way getting those responsible to understand our concerns in a way that motivates action. Can you help?
- Our engineers have recommended new plant upgrades. We recognise that their arguments are based on good engineering practice but we can't see a robust connection to future profitability. Can you help?
- Can you include offsite threats in a meaningful way in our overall plant availability model?
- We have had reliability studies completed on our plant. But there are some credible, critical issues that are considered to be so unlikely that they don't seem to rate any attention. But we know that if one happens, all hell will break loose. How do we demonstrate the importance of these to the board in a constructive way?
- We have spent a great deal of time and effort on reliability studies. But we don't feel they are contextually sound and have no process to test this. Is there a way this can be addressed?

Worked Example Case Studies

The workshop will make extensive use of a spreadsheet based worked example which will be provided electronically to participants. Actual case studies will be used where possible (this remains subject to continuing approval in writing from relevant R2A clients).

Experience

This process has been completed for coal mines, water treatment plants upgrade options analysis, freeway tolling systems, boiler and power station upgrade options analysis, water authority supply networks, bank and broker computer centres, network black start requirements amongst others.

Briefing Leaders

Richard Robinson

BE BA FIEAust

Director & Consulting Engineer R2A

www.r2a.com.au

Michael Hall

MS BE

Associate R2A

February 2010



REGISTRATION FORM

Availability Profiling

Please complete/forward this Registration Form, together with payment, for each participant.

BRISBANE | Tuesday 13 April 2010 8.30am – 4.30pm | BRI W1004-43804

PERTH | Tuesday 10 August 2010 8.30am – 4.30pm | PER W1008-43804

Participant's Details

Title Mr Mrs Ms Dr

First Name/s _____

Surname _____

Position _____

Organisation _____

Address _____

Suburb/Town _____

State _____

Post Code _____

Telephone BH _ _____

Mobile _____

Email _____

Fax _____

I agree to the terms and conditions below

Signature _____

Payment Details

(Payment is required prior to course attendance)

Please tick appropriate box for chosen payment option

I enclose a cheque for \$595
Forward your cheque made payable to Rocarm2a with copy of registration form

EFT
Account Name Rocarm2A
CBA BANK BRANCH South Melbourne
BSB 063 215 A/C No 10312562
A remittance advice quoting Reference BRIW1004 or PERW1008 must be sent either by fax or email when paying by EFT

Please debit my Credit Card
(Debit on credit card statement - Rocarm P/L)

Visa Mastercard Amex

Card Number _____

Expiry Date _____

Cardholders Name _____

Cardholders Signature _____

Fee (*GST Inclusive*) \$595

Tax Invoice
A tax invoice will be sent on registration

Date _____

Cancellation and Transfer Conditions

r2a@rocarm reserves the right to cancel programs should insufficient registrations be received. Programs may be subject to change.

Full refund

14 working days notice

Cancellation by r2a@rocarm

50% refund

5-13 days notice

No refund

Less than 5 days notice

After course commencement

Transfers for personal extenuating circumstances such as illness or accidents will be considered. Substitute participants are welcome, please advise in writing by email, fax or letter prior to the course commencement.

Registration | r2a@rocarm.com | F+61 3 9865 8615 | T+61 3 9865 8628

| Rocarm2a | PO Box 6825 St Kilda Rd Central VIC 8008
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